

Receipt  
**FILE COPY**  
004.00078

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bailey et al. )  
Serial No.: 09/418,649 )  
Filed: October 15, 1999 )  
For: FOOD AND VITAMIN PREPARATIONS )  
CONTAINING THE NATURAL ISOMER )  
OF REDUCED FOLATES )

NOV 18 1999  
O I P E J C 6 9  
PATENT & TRADEMARK OFFICE

Examiner: Unknown  
Art Unit: 1761

**REQUEST FOR CORRECTED FILING RECEIPT**

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Sir:

Applicants hereby request a corrected filing receipt for the above identified application. On the enclosed copy of the original filing receipt, the title of the application contains a typographical error. The **correct** title is FOOD AND VITAMIN PREPARATIONS CONTAINING THE NATURAL ISOMER OF REDUCED FOLATES not FOOD AND VITAMIN PREPARATION CONTAINING THE NATURAL ISOMER OF REDUCED FOLATES. A copy of the first page of the application as filed is enclosed to evidence that this error is not applicants' fault.

Also, on the enclosed copy of the original filing receipt, the attorney's firm name is incorrect. The **correct** firm name is Braman & Rogalskyj, LLP, P.O. Box 352, Canandaigua, New York 14424-0352. A copy of the Revocation of Attorneys and Appointment of New Attorneys from the prior application was filed in the present application on October 15, 1999. A copy of this document is enclosed herewith to evidence that this error is not applicants' fault.

Since applicants are not responsible for the above errors, no fee is enclosed.

Respectfully submitted,

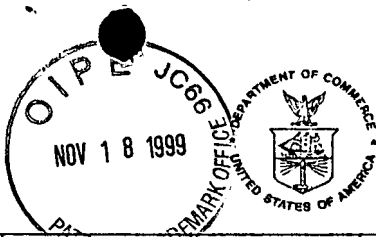
November 15, 1999  
Date

Peter Rogalskyj  
Peter Rogalskyj  
Reg. No. 38,601

Braman & Rogalskyj, LLP  
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Certificate of Mailing - 37 CFR 1.8(a)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231 on the date below.	
11-15-99 Date	<u>Peter Rogalskyj</u> Peter Rogalskyj

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/418,649	10/15/99	1761	\$380.00	004.00078	0	14	2

SUSAN J BRAMAN

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*Canandaigua, NY 14424-0352*

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) STEVEN W. BAILEY, MOBILE, AL; JUNE E. AYLING, MOBILE, AL.

CONTINUING DATA AS CLAIMED BY APPLICANT-

PROVISIONAL APPLICATION NO. 60/010,898 01/31/96

AND A CON OF 09/117,586 07/31/98

WHICH IS A 371 OF PCT/US97/01870 01/31/97

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 11/03/99 \*\* SMALL ENTITY \*\*  
TITLE

FOOD AND VITAMIN PREPARATIONS CONTAINING THE NATURAL ISOMER OF REDUCED  
FOLATES

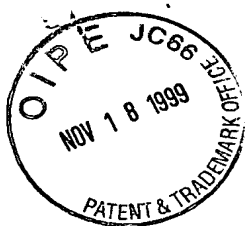
PRELIMINARY CLASS: 426

DATA ENTRY BY: MARTIN, DIANE

TEAM: 04 DATE: 11/03/99

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(See reverse for new important information)



## Food and Vitamin Preparations Containing the Natural Isomer of Reduced Folates

This application claims the benefit of U.S. Provisional Patent Application Serial No. 60/010,898, filed January 31, 1996.

### Field of the Invention

The present invention relates generally to the field of nutrition, and more specifically to food and vitamin preparations containing the natural isomer of reduced folates.

### 5 Background of the Invention

The folates are ubiquitous to nearly all forms of life. Humans and many other animals lack the capacity to make their own folate which thus is an essential vitamin, one type of essential nutrient. Anemia especially during pregnancy and in the geriatric population was an early indication of a dietary requirement for folate.

- 10 A major function of folate is to remove one-carbon units from molecules being metabolized and then deliver them to molecules being synthesized. As an example, folate participates in the formation of the nucleic acids. Further, the activity of DNA is controlled, in part, by methylation, and the primary methylating agent of the body (S-adenosylmethionine) is made in a metabolic cycle involving a folate.
- 15 Many studies have, therefore, focused on the relationship of folate status to cancer susceptibility, especially colorectal adenoma.

- The importance of folate to proper growth is clearly evident in the occurrence of neural tube defects in newborn infants. Reports from several countries have shown that a majority of such cases are associated with low folate
- 20 levels in the mother. The incidence of these defects as well as of cleft lip/palate is considerably reduced when women are given folic acid (I) starting early in pregnancy. Recently, a significant correlation has been discovered between vitamin deficiency, especially of folate, and peripheral vascular disease, a major cause of death. A high percentage of individuals with this affliction have abnormal blood
- 25 levels of homocysteine, a precursor to methionine in the folate dependent step of the S-adenosylmethionine cycle. Folate deficiency has also been linked to defective

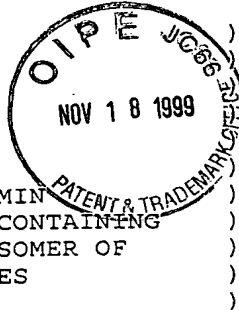
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bailey

Serial No.: 09/117,586

Filed: July 31, 1998

For: FOOD AND VITAMIN  
PREPARATIONS CONTAINING  
THE NATURAL ISOMER OF  
REDUCED FOLATES



Examiner:

Art Unit:1761

REVOCATION OF ATTORNEYS  
AND APPOINTMENT OF NEW ATTORNEYS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The Assignee of record of the above-identified application, South Alabama Medical Science Foundation, by virtue of an assignment submitted for recordation on July 31, 1998, hereby revokes all powers of attorney previously granted and in their place appoints the following attorneys: Susan J. Braman, Reg. No. 34,103 and Peter Rogalskyj, Reg. No. 38,601, each of them c/o Braman & Rogalskyj, LLP, P.O. Box 352, Canandaigua, New York 14424-0352 (telephone 716-393-3000; facsimile 716-393-3001), each with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to receive the patent, to transact all business in the U.S. Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

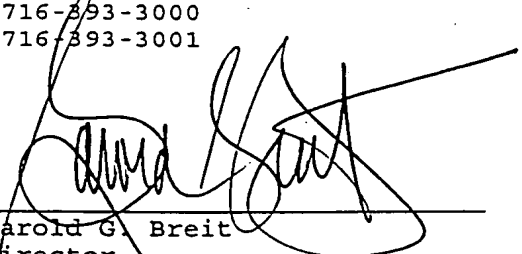
Please address all future communications and direct all telephone calls regarding this application to:

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Date

12/14/98

  
Garold G. Breit  
Director  
Office of Technology Transfer  
South Alabama Medical Science  
Foundation